

**To:** Auer, Steven[Auer.Steven@epa.gov]  
**Cc:** Plescia, Nicole[Plescia.Nicole@epa.gov]  
**From:** Wall, Dan  
**Sent:** Wed 5/29/2013 2:01:40 PM  
**Subject:** FW: Arrastra  
Arrastra final (4).doc  
Arrastra Final Report(1).doc

Steve

We need to modify the Upper Animas SAP to accommodate the samples that the stakeholders group wants to collect. Attached is their SAP and report. They are planning on doing a high flow and low flow sampling at 6 stations in Arrastra Creek. Water for metals and Sulfate and bugs. We will be doing the sampling in the Fall and they will be doing the Spring sampling.

Our SOPs will be used so modifications to the SAP shouldn't be much more than adding the stations and mentioning that they will be conducting the Spring sampling event.

Call me when you are back in town and we can discuss.

Thanks

Dan

**From:** Bill Simon [mailto:Personal Email/Ex. 6]  
**Sent:** Thursday, May 09, 2013 2:48 PM  
**To:** Wall, Dan  
**Subject:** Arrastra

Dan, here is the old Arrastra gulch SAP from 2002. The DQO, which was not properly addressed, needs to change I suppose. We found that Cu and Zn are out of compliance in portions of the stream. Recent WQCD samples show that Zn and Cd are out of compliance (due to new Cd standards). We had put temporary modifications on the stream but those expired in 2006. WQCD is wanting to put TMDL's on the stream. ARSG objective is more along the lines of making site specific recommendations for imposing more lenient water quality restrictions; which we have already done for the rest of the basin. So whereas WQCD is most interested in TMDL's we are shooting for a UAA that could justify site specific standards.

Silver Lake is dead, has a tailing slimes bottom and lots of tailings on the shore line. The water exiting the lake is poor quality but disappears soon after leaving the lake, coming out a couple thousand feet low in a talus slope where water quality is quite good.